

## Preface (DPM 2006)

The agility of an enterprise more and more depends on its ability to dynamically set up new business processes or to modify existing ones, and to quickly adapt its information systems to these process changes. Companies are therefore developing a growing interest in concepts, technologies and systems that help them to flexibly align their business as well as engineering processes to changing needs and to optimize their interactions with customers and business partners.

In this context dynamic process support has become an extensive research topic in areas like business process management, Web Service technology and engineering workflows with several specialized aspects. Besides business requirements there are many technical challenges like the correct and efficient support of dynamic workflows (e.g., evolution of workflow specifications and dynamic change propagation, data-driven workflows), the support of autonomic or self-organizing processes, the dynamic selection of the best service provider, the dynamic evolution of local processes as well as its involvement in inter-organizational collaborations, or the handling of security and trust issues in dynamic processes. While there has been major progress in some of these areas, dynamic process support is still a vision when looking at more complex scenarios.

The aim of the DPM'06 workshop, which took place in Vienna on September 4th, 2006, was to provide a forum wherein challenges and paradigms for dynamic process management could be debated. The workshop brought together researchers and practitioners from different communities and application domains who share an interest in dynamic process support. We had received 10 contributions from which 5 had been accepted for the workshop proceedings. Papers were evaluated on the basis of significance, relevance, technical quality and exposition. We hope you will find the papers of this workshop interesting and stimulating.

We would like to acknowledge the support of the workshop program committee. We also thank Johann Eder as workshops chair and Schahram Dustdar as general chair of the BPM 2006 conference.

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# Hamiltonian Mechanics unter besonderer Berücksichtigung der höheren Lehranstalten

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